CIVIL PRO
AN ISO 9001 : 2008 COMPANY &NABL ACCREDITED LABORATORY AS PER ISO/IEC 17025:2005
# 4, 7TH MAIN MALLESWARAM, BANGALORE -3
Certificate No.: T- 4358

# TEST REPORT OF CEMENT CONCRETE CUBES

| | | |
|---|---|---|
| **Lab ID** | : | **CP-2017-05-20-05** **Date: 25-05-17** |
| **Customer** | : | Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore. |
| **Address** | : | Shettyhalli Sub Division, BBMP, Bangalore. |
| **Project Name** | : | Improvements to CC Roads in Dasarahalli Adjacent Main Roads in ward no.13 shettyhalli sub division. |
| **Agency** | : | Technical Manager (west), KRIDL, Project implementation unit, No.280, 59th cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560010. |
| **Customer's Reference** | : | BBMP/EE/DD/WO/48/2017-18 |
| **Source of Sample** | : | Sample supplied by Agency |
| **Sample Condition** | : | Satisfactory |
| **Date of Receipt** | : | 20-05-17 |
| **Sample ID No** | : | 2017-05-20-05/07 |
| **Customer ID** | : | Drain Concrete |
| **Sample Type /Size** | : | 150X150X150 mm |
| **Sample grade/Age** | : | M30 / 7 Days Compressive Strength |
| **Reference to BIS codes** | : | IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5 |
| **Date of test** | : | 25/05/2017 |

| Sl. No. | Identification Mark | Grade of concrete | Date of Casting | Date of Testing | Dimension of the Specimen (mm) | Cross sectional area (Sq.mm) | Weight of the sample (kg) | Failure Load (KN) | Compressive strength ($N/mm^2$) | Average Compressive Strength ($N/mm^2$) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Drain Concrete | M30 | 18/05/2017 | 25/05/2017 | 150.17 X 150.89 X 150.22 | 22659 | 8.215 | 568.7 | 25.1 | 24.8 |
| 2 | Drain Concrete | M30 | 18/05/2017 | 25/05/2017 | 150.75 X 150.98 X 150.45 | 22760 | 8.278 | 564.5 | 24.8 | |
| 3 | Drain Concrete | M30 | 18/05/2017 | 25/05/2017 | 150.78 X 150.99 X 150.45 | 22766 | 8.274 | 557.8 | 24.5 | |

**Note:**
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
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Samples will be disposed after 30 days from the date of issue of test certificate

**Prepared by**
**Harsitha**

AE-13
ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ, ದಾಸರಹಳ್ಳಿ ವಲಯ
ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ

**FOR CIVIL Pro.**
CIVIL Pro Sig..... Date..... BANGALORE
**R KARTHIK RECHAN**
Authorized Signatory
**Quality Manager**


****End of Report****

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# TEST REPORT OF CEMENT CONCRETE CUBES

**Lab ID** : **CP-2017-05-20-05** **Date: 15-06-17**

**Customer** : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

**Address** : Shettyhalli Sub Division, BBMP, Bangalore.

**Project Name** : Improvements to CC Roads in Dasarahalli Adjacent Main Roads in ward no.13 shettyhalli sub division.

**Agency** : Technical Manager (west), KRIDL, Project implementation unit, No.280, 59th cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560010.

**Customer's Reference** : BBMP/EE/DD/WO/48/2017-18

**Source of Sample** : Sample supplied by Agency

**Sample Condition** : Satisfactory

**Date of Receipt** : 20-05-17

**Sample ID No** : 2017-05-20-05/08

**Customer ID** : Drain Concrete

**Sample Type /Size** : 150X150X150 mm

**Sample grade/Age** : M30 / 28 Days Compressive Strength

**Reference to BIS codes** : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

**Date of test** : 15/06/2017

| Sl. No. | Identification Mark | Grade of concrete | Date of Casting | Date of Testing | Dimension of the Specimen (mm) | Cross sectional area (Sq.mm) | Weight of the sample (kg) | Failure Load (KN) | Compressive strength ($N/mm^2$) | Average Compressive Strength ($N/mm^2$) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Drain Concrete | M30 | 18/05/2017 | 15/06/2017 | 150.17 X 150.89 X 150.22 | 22659 | 8.215 | 765.9 | 33.8 | 33.5 |
| 2 | Drain Concrete | M30 | 18/05/2017 | 15/06/2017 | 150.75 X 150.98 X 150.45 | 22760 | 8.278 | 748.8 | 32.9 | |
| 3 | Drain Concrete | M30 | 18/05/2017 | 15/06/2017 | 150.78 X 150.99 X 150.45 | 22766 | 8.274 | 767.2 | 33.7 | |

**Note:**
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**Prepared by**
**Harsitha**

CIVIL Pro Sig..... Date..... BANGALORE

**FOR CIVIL Pro.**

**R KARTHIK RECHAN**
Authorized Signatory
**Quality Manager**

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ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ
ಎಸ್.ಎಂ. ರಸ್ತೆ, ರವೀಂದ್ರನಗರ, ಬೆಂಗಳೂರು


****End of Report****

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# TEST REPORT OF CEMENT CONCRETE CUBES

**Lab ID** : **CP-2017-05-22-06** **Date: 26-05-17**

**Customer** : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

**Address** : Shettyhalli Sub Division, BBMP, Bangalore.

**Project Name** : Improvements to CC Roads in Dasarahalli Adjacent Main Roads in ward no.13 shettyhalli sub division.

**Agency** : Technical Manager (west), KRIDL, Project implementation unit, No.280, 59th cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560010.

**Customer's Reference** : BBMP/EE/DD/WO/48/2017-18

**Source of Sample** : Sample supplied by Agency

**Sample Condition** : Satisfactory

**Date of Receipt** : 22-05-17

**Sample ID No** : 2017-05-22-06/01

**Customer ID** : Drain Concrete

**Sample Type /Size** : 150X150X150 mm

**Sample grade/Age** : M30 / 7 Days Compressive Strength

**Reference to BIS codes** : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

**Date of test** : 26/05/2017

| Sl. No. | Identification Mark | Grade of concrete | Date of Casting | Date of Testing | Dimension of the Specimen (mm) | Cross sectional area (Sq.mm) | Weight of the sample (kg) | Failure Load (KN) | Compressive strength ($N/mm^2$) | Average Compressive Strength ($N/mm^2$) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Drain Concrete | M30 | 19/05/2017 | 26/05/2017 | 150.44 X 150.78 X 150.44 | 22683 | 8.142 | 564.8 | 24.9 | 25.3 |
| 2 | Drain Concrete | M30 | 19/05/2017 | 26/05/2017 | 150.78 X 150.99 X 150.75 | 22766 | 8.177 | 573.7 | 25.2 | |
| 3 | Drain Concrete | M30 | 19/05/2017 | 26/05/2017 | 150.78 X 150.44 X 150.77 | 22683 | 8.198 | 585.2 | 25.8 | |

**Note:**
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**Prepared by**
**Harsitha**

**FOR CIVIL Pro.**

CIVIL Pro Sig..... Date..... BANGALORE

**R KARTHIK RECHAN**
Authorized Signatory
**Quality Manager**

AE-13

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****End of Report****

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# TEST REPORT OF CEMENT CONCRETE CUBES

**Lab ID** : **CP-2017-05-22-06** **Date: 16-06-17**

**Customer** : Assistant Executive Engineer, Shettyhalli Sub Division, BBMP, Bangalore.

**Address** : Shettyhalli Sub Division, BBMP, Bangalore.

**Project Name** : Improvements to CC Roads in Dasarahalli Adjacent Main Roads in ward no.13 shettyhalli sub division.

**Agency** : Technical Manager (west), KRIDL, Project implementation unit, No.280, 59th cross, 17th 'C' Main Road, 3rd 'Y' Block, Rajajinagar, Bangalore-560010.

**Customer's Reference** : BBMP/EE/DD/WO/48/2017-18

**Source of Sample** : Sample supplied by Agency

**Sample Condition** : Satisfactory

**Date of Receipt** : 22-05-17

**Sample ID No** : 2017-05-22-06/02

**Customer ID** : Drain Concrete

**Sample Type /Size** : 150X150X150 mm

**Sample grade/Age** : M30 / 28 Days Compressive Strength

**Reference to BIS codes** : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

**Date of test** : 16/06/2017

| Sl. No. | Identification Mark | Grade of concrete | Date of Casting | Date of Testing | Dimension of the Specimen (mm) | Cross sectional area (Sq.mm) | Weight of the sample (kg) | Failure Load (KN) | Compressive strength ($N/mm^2$) | Average Compressive Strength ($N/mm^2$) |
|---|---|---|---|---|---|---|---|---|---|---|
| 1 | Drain Concrete | M30 | 19/05/2017 | 16/06/2017 | 149.88 X 150.47 X 150.88 | 22552 | 8.192 | 760.0 | 33.7 | 33.8 |
| 2 | Drain Concrete | M30 | 19/05/2017 | 16/06/2017 | 150.44 X 150.78 X 150.65 | 22683 | 8.144 | 750.8 | 33.1 | |
| 3 | Drain Concrete | M30 | 19/05/2017 | 16/06/2017 | 150.87 X 150.64 X 150.78 | 22727 | 8.188 | 784.1 | 34.5 | |

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**Prepared by**
**Harsitha**

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